

**SAS Superstructure**

Location: 04-SF-80-13.2 / 13.9

Client Name: CalTrans

Run date 21-Nov-14

Time 6:00 AM

**Daily Diary Report by Bid Item**

Contract No.: 04-0120F4

Diary #: 111 Const Calendar Day: 646 Date: 16-Jun-2011 Thursday

Inspector Name: Wright, Doug Title: Transportation Engineer

Inspection Type: Continuous

Shift Hours: 08:00 AM 06:30 PM Break: 00:30 Over Time: 02:00

Federal ID:

Location:

Reviewer: Soheilifard, Saman Approved Date: 26-Jun-11 Status: Approved

**04-0120F4  
04-SF-80-13.2/13.9  
Self-Anchored  
Suspension Bridge****Weather**

Temperature 7 AM 12 PM 4PM

Precipitation Condition

Working Day ☒ If no, explain:**Diary:**

Dispute

**Tower Activities**

Electroslag welding (ESW):

The 7th ESW weld was done today. It was on the butt joint that connects shear plate a2S to the East shaft. The following is a list of activities for this operation:

- 2 new barrels of weld wire were brought to the site and connected.
- At 09:30, the consumable guide was installed.
- From 09:30 until 11:30, the insulators, volt pick-ups, and cooling shoes were installed.
- From 12:30 until 13:00, QC & production went through their pre-weld checklists.
- At 13:11, the weld was started.
- It took about 1 minute, 50 seconds for the weld parameters to stabilize.
- At 15:34, the weld was low on flux for about 30 seconds, and was running a little loud.
- At 17:20, the weld was ended in the run-off tab.

On the 6th ESW weld (b2E-to-North shaft), a preliminary UT was done today. No rejects were found.

On the 1st ESW weld (b2W-to-South shaft), 2 areas were excavated to remove UT rejects. Each of the excavations was about 50mm in length. They were MT'd to verify sound metal prior to starting the repair welding, which has not yet started. I spoke with QC inspector Mike Johnson, and he mentioned that he spoke with QC Manager Jim Bowers, and that ABF will submit the weld repair paperwork on these repairs.

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9m external diaphragm welding:

- On plate 9m-West-Outer, welding continued today on the perimeter PJP welds.

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Meetings:

I attended the bi-weekly safety meeting from 08:00 until 09:00. The topic was project safety.

I attended the weekly Team Tower meeting from 10:00 until 10:45. Attending were Mark MacDonald of ABF, and Mark Woods and myself from Caltrans. The following topics were discussed:

- Paint: We asked if they plan to do minor repairs of paint at each façade elevation at the same time that they do the painting of the facades. ABF confirmed that they plan to do minor repairs at the same time as the other façade painting. On the non-skid painting, this work will not be done until later (after load transfer).

- Tower head: We discussed some of the details for the welding needed on the Tower head. Trial fit is



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scheduled to be done in about 2 weeks.

- Welding: As part of the façade clean-up work, they plan to fit up and weld the ladder tabs on the exterior of the façade side panels in Lift 4.

**04-0120F4 Bid Item: 053 T-L01-SPD.053 Tower Lift 01 Shear Plates and Diaphragms**

AMERICAN BRIDGE/FLUOR, A JV

### Labor

Trade	Class	Name	RT Hrs	OT Hrs	DT Hrs	Total	Remarks	Dispute
<b>Contractor:</b> AMERICAN BRIDGE/FLUOR, A JV								
Ironworker	APP	KENNETH CHAPPELL	8.00	2.00	1.00	11.00		<input type="checkbox"/>
Ironworker	APP	Alex Blanco	8.00	2.00	1.00	11.00		<input type="checkbox"/>
Ironworker	APP	DEVAN MURPHY	8.00	2.00	0.00	10.00		<input type="checkbox"/>
Ironworker	APP	JEREMY DOLMAN	8.00	2.00	1.00	11.00		<input type="checkbox"/>
Ironworker	APP	JEFFERY SOUZA	8.00	2.00	1.00	11.00		<input type="checkbox"/>
Ironworker	FOR	RORY HOGAN	8.00	2.00	1.00	11.00		<input type="checkbox"/>
Ironworker	JNM	RICHARD GARCIA	8.00	2.00	1.00	11.00		<input type="checkbox"/>
Ironworker	FOR	HUA QIANG HUANG	8.00	0.00	0.00	8.00		<input type="checkbox"/>
Ironworker	JNM	WAI KIT LAI	8.00	0.00	0.00	8.00		<input type="checkbox"/>

### Attachment



Starting sump with consumable guide installed - note: copper shoes already installed on back side



Congested area while the ESW weld is in progress